

WEST Search History

DATE: Thursday, June 12, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
L16	L15 and (oxygen therapy)	13	L16
L15	L14 and (tissue expander)	13	L15
L14	L13 and (dental or filling or extraction)	13	L14
L13	L12 and (vitreous or lens) and replacement	13	L13
L12	L11 and reversible	57	L12
L11	L10 and (viscosity to density)	144	L11
L10	L9 and oligomer	159	L10
L9	L8 and (interfacial tension)	390	L9
L8	L7 and (surface tension)	1204	L8
L7	L6 and ((molecular weight) or mw)	1358	L7
L6	L5 and (functional group)	1376	L6
L5	L4 and polar and hydrocarbon	1392	L5
L4	L3 and ((surface active) or surfactant?)	8582	L4
L3	L2 and (fluorinat\$ or perfluorocarbon\$ or perfluoroalkyl\$)	9014	L3
L2	L1 and (water or aqueous)	377793	L2
L1	implant\$ or insert\$	2391684	L1

END OF SEARCH HISTORY

UNMATCHED LEFT PARENTHESIS 'AND ((SURFACE'

The number of right parentheses in a query must be equal to the number of left parentheses.

=> s l2 and (fluorinat? or perfluorocarbon? or perfluoroalkyl?) and ((surface(w)active) or surfactant#)

L3 3321 L2 AND (FLUORINAT? OR PERFLUOROCARBON? OR PERFLUOROALKYL?) AND ((SURFACE(W) ACTIVE) OR SURFACTANT#)

=> s l3 and polar and hydrocarbon

L4 733 L3 AND POLAR AND HYDROCARBON

=> s l4 and (functional group)

L5 197 L4 AND (FUNCTIONAL GROUP)

=> s l5 and (molecular weight or mw)

<-----User Break----->

SEARCH ENDED BY USER

L6 175 L5 AND (MOLECULAR WEIGHT OR MW)

=> s l5 and ((molecular weight) or mw)

L7 175 L5 AND ((MOLECULAR WEIGHT) OR MW)

=> s l7 and (surface tension)

L8 49 L7 AND (SURFACE TENSION)

=> s l8 and (interfacial tension)

L9 2 L8 AND (INTERFACIAL TENSION)

=> d l9 ibib ab

L9 ANSWER 1 OF 2 USPATFULL

ACCESSION NUMBER: 2002:112477 USPATFULL

TITLE: FLUORINE-CONTAINING EPOXY RESIN COMPOSITION, AND SURFACE MODIFICATION PROCESS, INK JET RECORDING HEAD AND INK JET RECORDING APPARATUS MAKING USE OF THE SAME

INVENTOR(S): NOGUCHI, HIROMICHI, TOKYO, JAPAN
SHIMOMURA, AKIHIKO, YOKOHAMA-SHI, JAPAN
IMAMURA, ISAO, KAWASAKI-SHI, JAPAN
SATO, TAMAKI, KAWASAKI-SHI, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002058210	A1	20020516
	US 6472129	B2	20021029
APPLICATION INFO.:	US 1999-263083	A1	19990308 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1998-57638	19980310
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FITZPATRICK CELLA HARPER & SCINTO, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	858	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The fluorine-containing epoxy resin composition of the present invention comprises a fluorine-containing epoxy resin having in one molecule at

right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS WWW CAS World Wide Web Site (general information)

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=> file caplus uspatful europatful japio medline biosis embase
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=> s (implant? or insert?)
4 FILES SEARCHED...
L1 2787626 (IMPLANT? OR INSERT?)

=> s l1 and (water or aqueous)
L2 409848 L1 AND (WATER OR AQUEOUS)

=> s l2 and (fluorinat? or perfluorocarbon? or perfluoroalkyl?) and
((surface(w)active or surfactant#)

Connecting via Winsock to STN

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NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
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NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEx enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
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NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
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NEWS	33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and

least one **perfluoroalkyl** group having 6 to 12 carbon atoms and at least two alicyclic epoxy groups, and a cationic polymerization catalyst.

=> d 19 ibib ab 2

L9 ANSWER 2 OF 2 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 942024 EUROPATFULL EW 199937 FS OS
TITLE: Fluorine-containing epoxy resin composition, and surface modification process, ink jet recording head and ink jet recording apparatus making use of the same.
Fluor enthaltende Epoxidharzzusammensetzung, Verfahren zur Oberflaechenmodifizierung, Tintenstrahlaufzeichnungskopf und diesen Kopf tragenden Aufzeichnungsapparat.
Composition de resine epoxyde contenant du fluor, procede de modification de surfaces, tete d'enregistrement a jet d'encre et appareil d'enregistrement a jet d'encre le contenant.
INVENTOR(S): Noguchi, Hiromichi, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP;
Shimomura, Akihiko, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP;
Imamura, Isao, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP;
Sato, Tamaki, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP
PATENT ASSIGNEE(S): CANON KABUSHIKI KAISHA, 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, JP
PATENT ASSIGNEE NO: 542361
AGENT: Tiedtke, Harro, Dipl.-Ing. et al, Patentanwaltsbuero Tiedtke-Buehling-Kinne & Partner Bavariaring 4, 80336 Muenchen, DE
AGENT NUMBER: 11949
OTHER SOURCE: ESP1999066 EP 0942024 A2 990915
SOURCE: Wila-EPZ-1999-H37-T1a
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND DATE
EP 942024	A2 19990915

'OFFENLEGUNGS' DATE:	19990915
APPLICATION INFO.:	EP 1999-104672 19990309
PRIORITY APPLN. INFO.:	JP 1998-57638 19980310

ABEN The fluorine-containing epoxy resin composition of the present invention comprises a fluorine-containing epoxy resin having in one molecule at least one **perfluoroalkyl** group having 6 to 12 carbon atoms and at least two alicyclic epoxy groups, and a cationic polymerization catalyst.

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NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and

nested terms that are not separated by a logical operator.

=> s l2 and polyaphron?

L3 2 L2 AND POLYAPHRON?

=> s l3 and fluorocarbon#

L4 1 L3 AND FLUOROCARBON#

=> d l4 1 ibib abs

'ABS' IS NOT A VALID FORMAT FOR FILE 'EUROPATFULL'

The following are valid formats:

MAX ----- AN, ED, UP, EW, FS, TI, TIDE, TIFR, IN, PA, PAN, AG, AGN,
 OS, SO, DT, LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP,
 REN, IC (ICM, ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, AB,
 ABDE, ABFR, DETD, DETDDE, DETDFR, CLMDE, CLMFR

MAXG ----- MAX plus GI

MAX.OS ----- MAX, OS only

MAXG.OS ----- MAX.OS plus GI

MAX.PS ----- MAX, PS only

IMAX ----- MAX, indented with text labels

IMAX.OS ----- MAX, indented with text labels, OS only

IMAX.PS ----- MAX, indented with text labels, PS only

ALL ----- AN, ED, UP, EW, FS, TI, IN, PA, PAN, AG, AGN, OS, SO, DT,
 LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM,
 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, AB*, DETD*, CLM*
 (* German or French text if English text is not available)

ALLG ----- ALL plus GI

ALL.OS ----- ALL, OS only

ALLG.OS ----- ALL.OS plus GI

ALL.PS ----- ALL, PS only

IALL ----- ALL, indented with text labels

IALLG ----- IALL plus GI

IALL.OS ----- ALL, indented with text labels, OS only

IALLG.OS ----- IALL.OS plus GI

IALL.PS ----- ALL, indented with text labels, PS only

ALLDE ----- AN, ED, UP, EW, FS, TIDE, IN, PA, PAN, AG, AGN, OS, SO, DT,
 LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM,
 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, ABDE*, DETDDE*, CLMDE*
 (* English or French text if German text is not available)

ALLGDE ----- ALLDE plus GI

ALLDE.OS ----- ALLDE, OS only

ALLGDE.OS ----- ALLDE.OS plus GI

ALLDE.PS ----- ALLDE, PS only

ALLFR ----- AN, ED, UP, EW, FS, TIFR, IN, PA, PAN, AG, AGN, OS, SO, DT,
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 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, ABFR*, DETDFR*, CLMFR*
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ALLGFR ----- ALLFR plus GI

ALLFR.OS ----- ALLFR, OS only

ALLGFR.OS ----- ALLFR.OS plus GI

ALLFR.PS ----- ALLFR, PS only

BRIEF ----- AN, ED, UP, EW, FS, TI, IN, PA, PAN, AG, AGN, OS, SO, DT,
 LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM,
 ICS), ICA, ICI, CM, FA, GIS, PGC, CLMN, AB*, MCLM*
 (* German or French text if English text is not available)


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BRIEFG ----- BRIEF plus GI
BRIEF.OS ---- BRIEF, OS only
BRIEFG.OS -- BRIEF.OS plus GI
BRIEF.PS ---- BRIEF, PS only
IBRIEF ----- BRIEF, indented with text labels
IBRIEFG ----- IBRIEF plus GI
IBRIEF.OS -- BRIEF, indented with text labels, OS only
IBRIEFG.OS - IBRIEF.OS plus GI
IBRIEF.PS -- BRIEF, indented with text labels, PS only

BIB ----- AN, ED, UP, EW, FS, TI, TIDE, TIFR, IN, PA, PAN, AG, AGN,
OS, SO, DT, LA, DS, PIT, PI, OD, AI, PRAI, RLI, NTE, REP, REN
BIB.OS ----- BIB, OS only
BIB.PS ----- BIB, PS only
IBIB ----- BIB, indented with text labels
IBIB.OS ---- BIB, indented with text labels, OS only
IBIB.PS ---- BIB, indented with text labels, PS only
BIBU ----- BIB, with German headers
BIBU.OS ---- BIB, with German headers, OS only
BIBU.PS ---- BIB, with German headers, PS only

STD ----- AN, ED, UP, EW, FS, TI, TIDE, TIFR, IN, PA, SO, DS, PIT, PI,
OD, AI, PRAI, RLI, NTE, REP, REN, IC (ICM, ICS), ICA, ICI
STD.OS ----- STD, OS only
STD.PS ----- STD, PS only
ISTD ----- STD, indented with text labels
ISTD.OS ---- STD, indented with text labels, OS only
ISTD.PS ---- STD, indented with text labels, PS only
STDU ----- STD, with German headers
STDU.OS ---- STD, with German headers, OS only
STDU.PS ---- STD, with German headers, PS only

IND ----- ED, UP, EW, FS, IC (ICM, ICS), ICA, ICI
IND.OS ----- IND, OS only
IND.PS ----- IND, PS only

TRI ----- TI, TIDE, TIFR, IC (ICM, ICS), ICA, ICI, CLMN, PGC, FA, GIS
TRI.OS ----- TRI, OS only
TRI.PS ----- TRI, PS only

TX ----- DETD, CLM
TX.OS ----- TX, OS only
TX.PS ----- TX, PS only
TXDE ----- DETDDE, CLMDE
TXDE.OS ---- TXDE, OS only
TXDE.PS ---- TXDE, PS only
TXFR ----- DETDFR, CLMFR
TXFR.OS ---- TXFR, OS only
TXFR.PS ---- TXFR, PS only

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ENTER DISPLAY FORMAT (STD):ibib ab

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 1185315 EUROPATFULL EW 200250 FS PS
 TITLE: PLASTICALLY DEFORMABLE **IMPLANT**.
 PLASTISCH VERFORMBARES **IMPLANTAT**.
IMPLANT PLASTIQUEMENT DEFORMABLE.
 INVENTOR(S): MENZ, Dirk-Henning, Wartheweg 12, D-86420 Diedorf, DE;
 DRESP, Joachim, Hohenbrunnerstrasse 14, D-81825
 Muenchen, DE
 PATENT ASSIGNEE(S): BAUSCH & LOMB INCORPORATED, One Bausch & Lomb Place,
 Rochester, New York 14604-2701, US
 PATENT ASSIGNEE NO: 305105
 AGENT: Maiwald, Walter, Dr. Dipl.-Chem. et al., Maiwald
 Patentanwalts GmbH Postfach 33 05 23, 80065 Muenchen, DE
 AGENT NUMBER: 57582
 OTHER SOURCE: BEPB2002090 EP 1185315 B1 0011
 SOURCE: Wila-EPS-2002-H50-T1
 DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Deutsch; Veroeffentlichung in Deutsch
 DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R
 GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE
 PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale
 Anmeldung)
 PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 1185315	B1 20021211
'OFFENLEGUNGS' DATE:		20020313
APPLICATION INFO.:	EP 2000-935177	20000607
PRIORITY APPLN. INFO.:	DE 1999-19926889	19990612
RELATED DOC. INFO.:	WO 00-EP5208	000607 INTAKZ
	WO 00005208	001221 INTPNR
REFERENCE PAT. INFO.:	WO 97-12852 A	US 4490351 A
	US 5573757 A	

=> d his

(FILE 'HOME' ENTERED AT 12:59:43 ON 12 JUN 2003)

FILE 'CAPLUS, USPATFULL, JAPIO, MEDLINE, BIOSIS, EMBASE, EUROPATFULL'
 ENTERED AT 13:00:16 ON 12 JUN 2003

L1 2787626 S (IMPLANT? OR INSERT?)
 L2 127793 S L1 AND GEL
 L3 2 S L2 AND POLYAPHRON?
 L4 1 S L3 AND FLUOROCARBON#

=> s l2 and fluorocarbon#

L5 2056 L2 AND FLUOROCARBON#

=> s l5 and (water or aqueous)

L6 1904 L5 AND (WATER OR AQUEOUS)

=> s l6 and (fluorinat? or perfluorocarbon or perfluoroalkyl) and (surface(w)active
 or surfactant# or micelle#)

L7 328 L6 AND (FLUORINAT? OR PERFLUOROCARBON OR PERFLUOROALKYL) AND
 (SURFACE(W) ACTIVE OR SURFACTANT# OR MICELLE#)

=>

Connection closed by remote host

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NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and

right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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=> s (implant? or insert?)
4 FILES SEARCHED...
L1 2787626 (IMPLANT? OR INSERT?)

=> s l1 and (water or aqueous)
L2 409848 L1 AND (WATER OR AQUEOUS)

=> s l2 and (fluorinat? or perfluorocarbon? or perfluoroalkyl?) and
((surface(w)active or surfactant#)

UNMATCHED LEFT PARENTHESIS 'AND ((SURFACE'

The number of right parentheses in a query must be equal to the number of left parentheses.

=> s l2 and (fluorinat? or perfluorocarbon? or perfluoroalkyl?) and
((surface(w)active) or surfactant#)

L3 3321 L2 AND (FLUORINAT? OR PERFLUOROCARBON? OR PERFLUOROALKYL?) AND
((SURFACE(W) ACTIVE) OR SURFACTANT#)

=> s l3 and polar and hydrocarbon

L4 733 L3 AND POLAR AND HYDROCARBON

=> s l4 and (functional group)

L5 197 L4 AND (FUNCTIONAL GROUP)

=> s l5 and (molecular weight or mw)

<-----User Break----->

SEARCH ENDED BY USER

L6 175 L5 AND (MOLECULAR WEIGHT OR MW)

=> s l5 and ((molecular weight) or mw)

L7 175 L5 AND ((MOLECULAR WEIGHT) OR MW)

=> s l7 and (surface tension)

L8 49 L7 AND (SURFACE TENSION)

=> s l8 and (interfacial tension)

L9 2 L8 AND (INTERFACIAL TENSION)

=> d l9 ibib ab

L9 ANSWER 1 OF 2 USPATFULL

ACCESSION NUMBER: 2002:112477 USPATFULL

TITLE: FLUORINE-CONTAINING EPOXY RESIN COMPOSITION, AND
SURFACE MODIFICATION PROCESS, INK JET RECORDING HEAD
AND INK JET RECORDING APPARATUS MAKING USE OF THE SAME

INVENTOR(S): NOGUCHI, HIROMICHI, TOKYO, JAPAN
SHIMOMURA, AKIHIKO, YOKOHAMA-SHI, JAPAN
IMAMURA, ISAO, KAWASAKI-SHI, JAPAN
SATO, TAMAKI, KAWASAKI-SHI, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002058210	A1	20020516
	US 6472129	B2	20021029
APPLICATION INFO.:	US 1999-263083	A1	19990308 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1998-57638	19980310
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FITZPATRICK CELLA HARPER & SCINTO, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	858	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The fluorine-containing epoxy resin composition of the present invention
comprises a fluorine-containing epoxy resin having in one molecule at

least one **perfluoroalkyl** group having 6 to 12 carbon atoms and at least two alicyclic epoxy groups, and a cationic polymerization catalyst.

=> d 19 ibib ab 2

L9 ANSWER 2 OF 2 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 942024 EUROPATFULL EW 199937 FS OS
TITLE: Fluorine-containing epoxy resin composition, and surface modification process, ink jet recording head and ink jet recording apparatus making use of the same.
Fluor enthaltende Epoxidharzzusammensetzung, Verfahren zur Oberflaechenmodifizierung, Tintenstrahlaufzeichnungskopf und diesen Kopf tragenden Aufzeichnungsapparat.
Composition de resine epoxyde contenant du fluor, procede de modification de surfaces, tete d'enregistrement a jet d'encre et appareil d'enregistrement a jet d'encre le contenant.
INVENTOR(S): Noguchi, Hiromichi, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP;
Shimomura, Akihiko, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP;
Imamura, Isao, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP;
Sato, Tamaki, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, JP
PATENT ASSIGNEE(S): CANON KABUSHIKI KAISHA, 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, JP
PATENT ASSIGNEE NO: 542361
AGENT: Tiedtke, Harro, Dipl.-Ing. et al, Patentanwaltsbuero Tiedtke-Buehling-Kinne & Partner Bavariaring 4, 80336 Muenchen, DE
AGENT NUMBER: 11949
OTHER SOURCE: ESP1999066 EP 0942024 A2 990915
SOURCE: Wila-EPZ-1999-H37-T1a
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT.NO	KIND	DATE
EP 942024	A2	19990915

'OFFENLEGUNGS' DATE: 19990915
APPLICATION INFO.: EP 1999-104672 19990309
PRIORITY APPLN. INFO.: JP 1998-57638 19980310

ABEN The fluorine-containing epoxy resin composition of the present invention comprises a fluorine-containing epoxy resin having in one molecule at least one **perfluoroalkyl** group having 6 to 12 carbon atoms and at least two alicyclic epoxy groups, and a cationic polymerization catalyst.